

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,399,599 B2  
APPLICATION NO. : 09/804457  
DATED : July 15, 2008  
INVENTOR(S) : Maher et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 33, line 59, please delete "HBSCH" and insert therefor, --HBSCII--.

At column 34, line 16, please delete "ScnSa" and insert therefor, --Scn8a--.

At column 34, line 21, please delete "SCN9A (Nav1.7)" and insert therefor, --SCN10A Nav1.8--.

At column 34, line 32, please delete "nav2.3" and insert therefor, --Nav2.3--.

At column 34, line 34, please delete "Nβ1.1" and insert therefor, --Naβ1.1--.

At column 34, line 36, please delete "β1" and insert therefor, --β-1--.

At column 34, line 37, please delete "β1" and insert therefor, --β-1--.

At column 34, line 38, please delete "Nβ2.1" and insert therefor, --Naβ2.1--.

At column 34, line 39, please delete "β2" and insert therefor, --β-2--.

At column 34, line 40, please delete "β2" and insert therefor, --β-2--.

At column 37, line 48, please delete "βcell" and insert therefor, --β-cell--.

At column 37, line 50, please delete "EP0" and insert therefor, --EP 0--.

At column 37, line 56, above "G-protein" please delete --Kir2.3--.

At column 37, line 56, please delete "U07364" and insert therefor, --Kir2.3--.

At column 37, line 56, below "X78461" please add --U07364--.

At column 38, line 16, please delete "HuKiIII" and insert therefor, --HuKIII--.

At column 38, line 18, please delete "Ky1.4" and insert therefor, --Kv1.4--.

At column 38, line 30, please delete "KCNB1" and insert therefor, --KCNC1--.

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At column 38, line 30, please delete “(NGK2))” and insert therefor, --(NGK2)--.

At column 38, line 31, please delete “KCNB2” and insert therefor, --KCNC2--.

At column 38, line 31, please delete “KShIIIA” and insert therefor, --RKShIIIA--.

At column 38, line 32, please delete “KCNB3” and insert therefor, --KCNC3--.

At column 38, line 32, please delete “(KShIIID)” and insert therefor, --(KShIIID)--.

At column 38, line 33, please delete “KCNB4” and insert therefor, --KCNC4--.

At column 38, line 33, please delete “K.v3.4” and insert therefor, --Kv3.4--.

At column 38, line 34, please delete “(Shl)” and insert therefor, --(Shal)--.

At column 44, line 41, please delete “14” and insert therefor, --14,--.

At column 77, line 45, please delete “DMIPE” and insert therefor, --DMPE--.

At column 77, line 60, please delete “pL” and insert therefor, --μL--.

At column 77, line 61, please delete “mI” and insert therefor, --mI--.

At column 78, line 1, please delete “DMIPE” and insert therefor, --DMPE--.

At column 78, line 16, please delete “column” and insert therefor, --column--.

At column 79, line 22, please delete “solvent” and insert therefor, --solvent,--.

At column 79, line 30, after “said” please delete “one or more”.

At column 80, lines 3-4, please delete “field exhibits” and insert therefor, --fields exhibit--.

At column 80, line 48, please delete “plate:” and insert therefor, --plate;--.

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At column 80, line 66, please delete “exogenously” and insert therefor, --endogenously--.

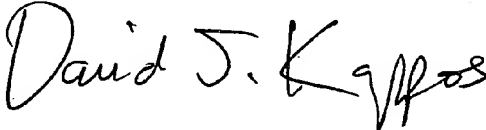
At column 80, line 66, please delete “said” and insert therefor, --the--.

At column 81, line 6, please delete “channels.” and insert therefor, --channel.--.

At column 82, line 13, please delete “21,” and insert therefor, --20,--.

Signed and Sealed this

First Day of December, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*